

5.3 RFA Processing Procedures

The RFA process consists of three major steps.

For each reference file, the first step is a Working Copy. The Working Copy copies a live reference file from the JOPES Core database to the RFA database. This is the copy of the reference file updated by the user in the second step.

The second step includes Online and Batch Updates. GEO processing has an online interactive capability to make updates, and includes an Auto Delete function to delete canceled GEO records. TUCHA processing has both an Online and Batch Processing function. The TUCHA online capability is an Auto Delete function to delete canceled TUCHA records. The TUCHA batch capability processes transactions submitted through the JRS. The processing for TUDET, LFF, PORTS, and APORTS have batch capabilities to process JRS transactions submitted from Services and agencies.

The third step is Network. This step consolidates all adds, changes, and deletes from the Online and Batch Updates applied to a reference file in the second step. The Network step builds an ORACLE SQL script for use in updating reference files at all JOPES Core database sites. For GEO, TUCHA, and TUDET processing, a UNIX file in JRS format is generated that can be exported to the TS3 to keep the reference files on TS3 synchronized with GCCS.

The following sections provide instructions on preceding steps and show samples of windows to assist the user in detailed processing steps required in RFA.

5.3.1 GEO

RFA GEO processing provides the user with the capabilities to administer the GEO reference file. The RFA main menu, RFA - Select File window, is shown in Figure 5.3.1-1. To access GEO files, highlight the **{Geolocation File}** option in the list box on the left. Then click the applicable button on the right to select the particular GEO function desired.

Push Buttons. This window provides the following buttons:

{Working Copy}	Copies the GEO reference from the JOPES Core database to the RFA database (See Paragraph 5.3.1.1).
{Online Update}	Provides the user with the capability to interactively make modifications to the GEO file in the RFA database (See Paragraph 5.3.1.2).
{Batch Update}	This function is not currently supported.
{Network}	Consolidates all updates that have occurred since the last Working Copy, and generates an ORACLE script to use in updates to the GEO file at all JOPES Core database sites. An export file of JRS transactions to update the TS3 is also generated (See Paragraph 5.3.1.3).

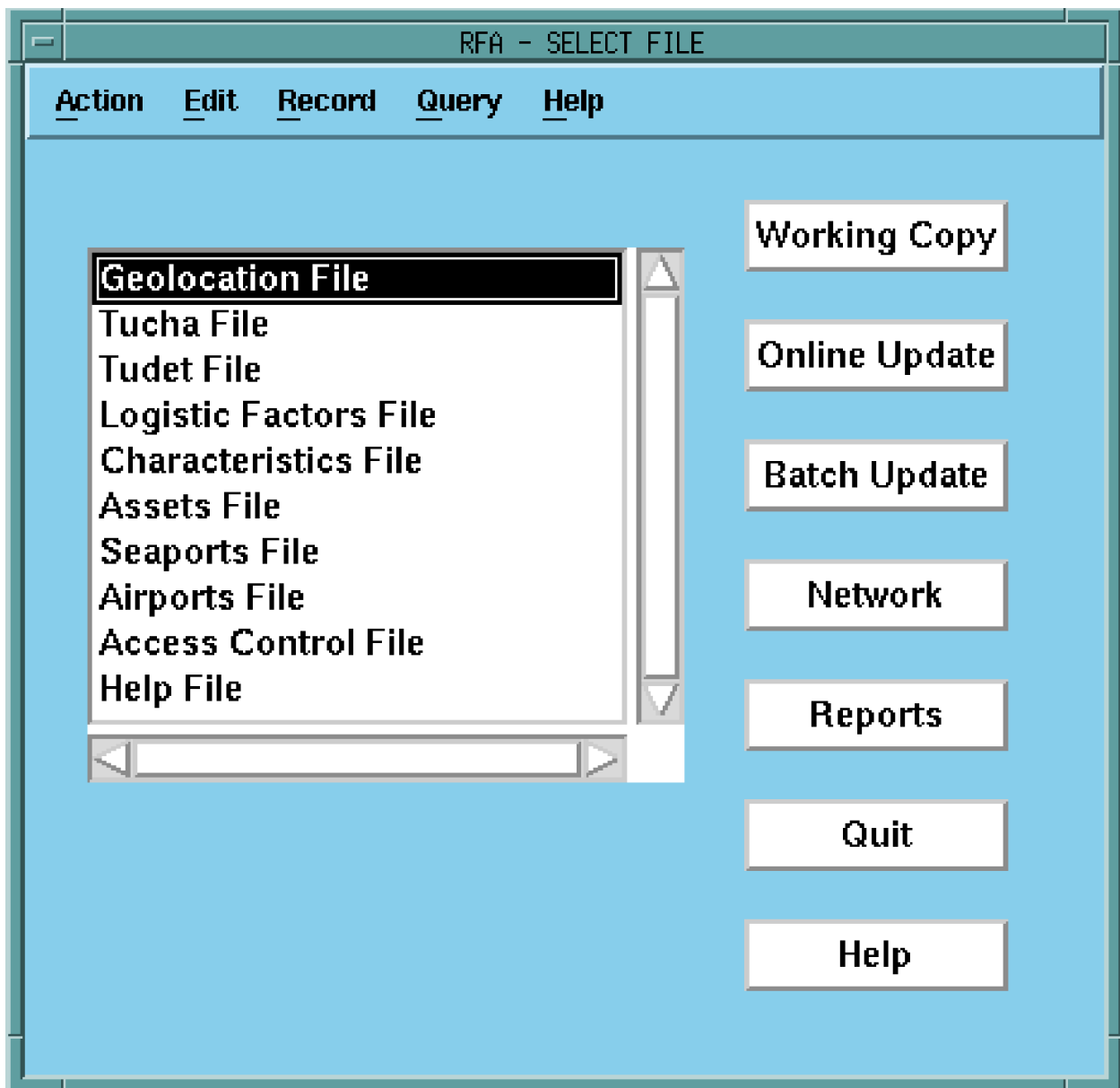


Figure 5.3.1-1. Select Geolocation File from RFA - Select File Window (RFA Main Menu)

{Reports}	Brings up a menu of available GEO and general reports (See Paragraph 5.3.1.4).
{Quit}	Terminates GEO processing, and invokes session control processing prior to ending RFA.
{Help}	Provides Online Help for the RFA main menu.

5.3.1.1 GEO Working Copy

The GEO Working Copy function copies the live GEO file from the user's local node JOPES Core database into the local GEO file in the RFA database. This function is called by highlighting the **{Geolocation File}** option and clicking **{Working Copy}** from the RFA main menu (see Figure 5.3.1-1). When this function is called, an alert pop-up window appears, as shown in Figure 5.3.1.1-1, to warn the user that the Working Copy may take a considerable amount of time. The length of time required is a function of the hardware configuration and GCCS workload.

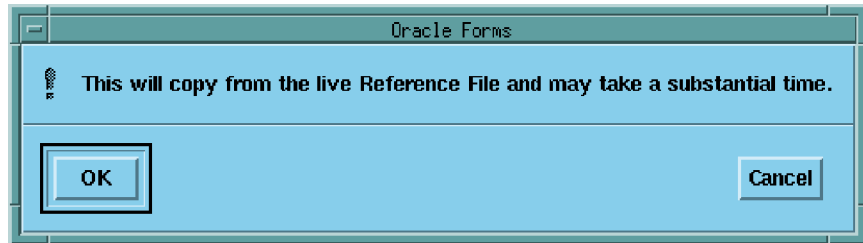


Figure 5.3.1.1-1. Alert Pop-Up Window - Considerable Wait Warning

Push Buttons. This window provides the following buttons:

{OK} Continues the Working Copy function.

{Cancel} Cancels the Working Copy, and returns the user to the RFA main menu.

If there have been updates to the GEO file since the last Working Copy that have not been processed by the Network function, an alert pop-up window, as shown in Figure 5.3.1.1-2, indicates that continuation of this process will cause changes to be lost.

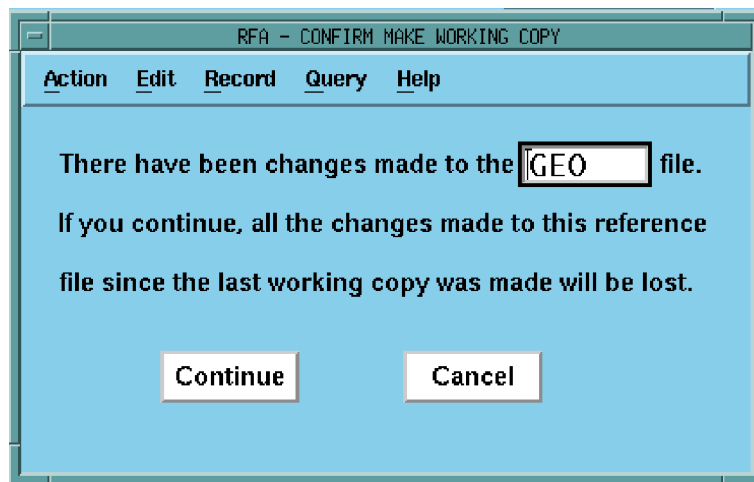


Figure 5.3.1.1-2. Alert Pop-Up Window - Changes Will Be Lost Warning

Push Buttons. This window provides the following buttons:

{Continue} Continues the Working Copy.

{Cancel} Cancels the Working Copy, and returns the user to the RFA main menu.

At this point, a wait pop-up window appears, as shown in Figure 5.3.1.1-3, advising the user to wait until the Working Copy process is complete. At the completion of the Working Copy, the user returns to the RFA main menu.



Figure 5.3.1.1-3. Alert Pop-Up Window - Please Wait

5.3.1.2 GEO Online Update

GEO Online provides the ability to update the GEO in an interactive, online environment. To access the GEO Online, highlight **{Geolocation File}** option in the list box on the left, and click **{Online Update}** from the RFA main menu, as shown in Figure 5.3.1.2-1.

5.3.1.2.1 GEO Online Menu Selection Window

From the GEO Online main menu, GEO Online Menu Selection window, as shown in Figure 5.3.1.2.1-1, three options are provided for updating the Geolocation File: Add, Change, and Auto Delete. Clicking **{Cancel}**, exits the GEO Online main menu, and returns the user to the RFA main menu.

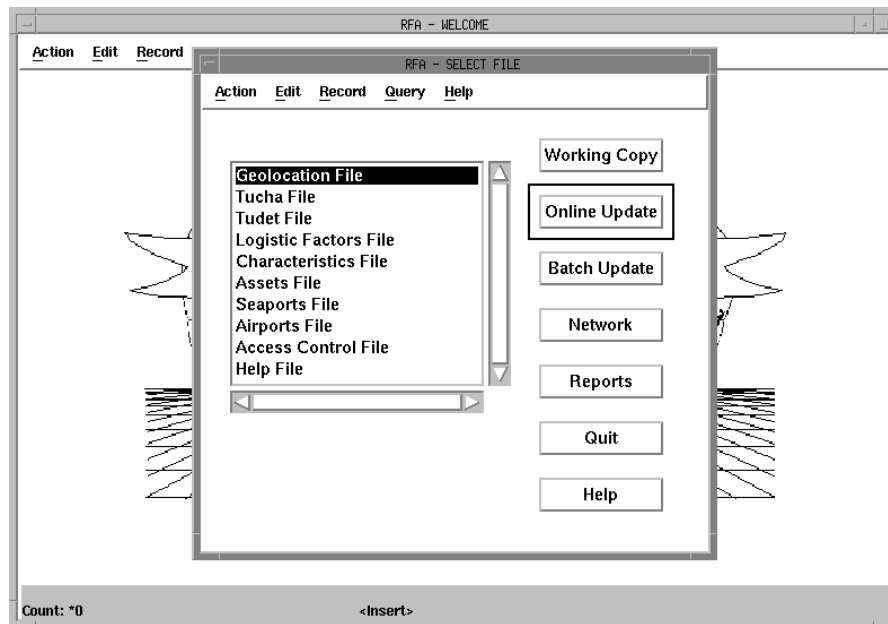


Figure 5.3.1.2-1. Select Geolocation File from RFA Main Menu

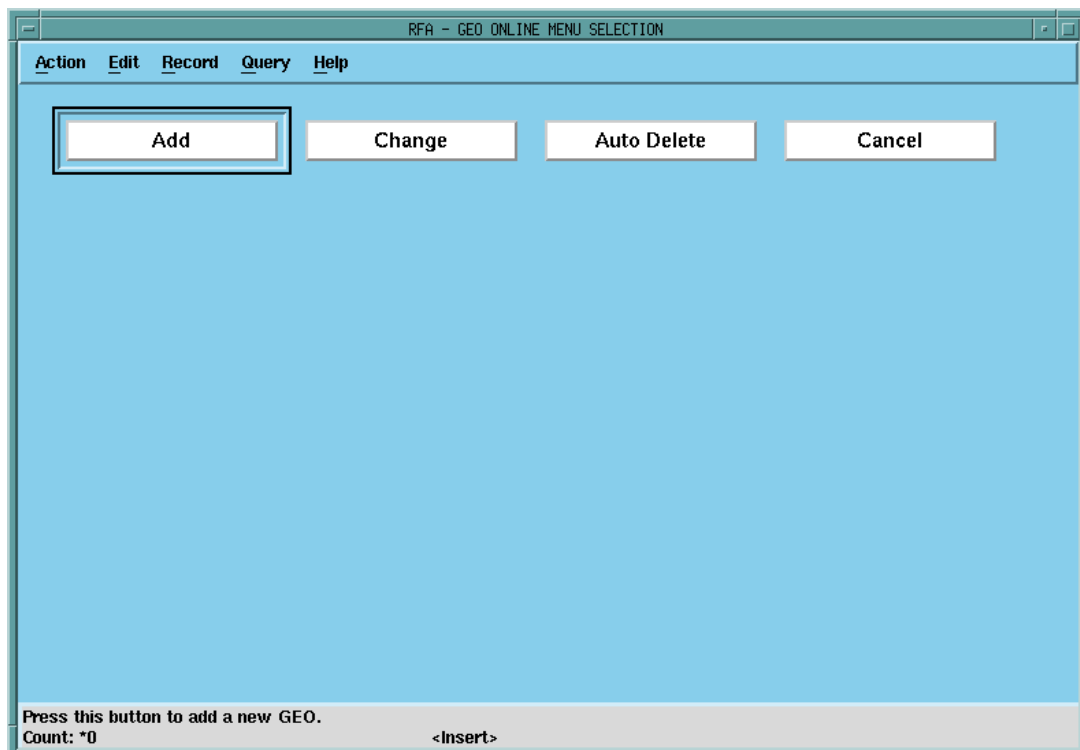


Figure 5.3.1.2.1-1. GEO Online Menu Selection Window

5.3.1.2.2 GEO Online Features

- Adding GEO records - Add new GEO records,
- Updating GEO records - Change existing GEO records,
- Deleting GEO records - Delete existing GEO records,
- Auto Delete - Delete GEO records according to a specified cancel date,
- Find (Search) - Retrieve existing GEO records for update,
- Editing - Validate data according to JRS standards, and
- Reports - Report on specified GEO data.

5.3.1.2.2.1 Adding GEO Records

GEO Online provides two methods for adding new GEO records. The first is adding a single record at a time (see Paragraph 5.3.1.2.3.1) using the single record, Add GEO Record window. The second method is adding multiple records (see Paragraph 5.3.1.2.3.4) using the multiple record, GEO Online Update window. Both the single and multiple record add methods provide data validation as directed by the JRS (See Reference z).

5.3.1.2.2.2 Updating GEO Records

GEO Online provides two methods for updating existing GEO records. The first is updating a single record at a time (see Paragraph 5.3.1.2.3.2) using the single record, Change GEO Record window. The second method is updating multiple records at the same time (see Paragraph 5.3.1.2.3.3) using the multiple record, GEO Online Update window. Both the single and multiple record update methods provide data validation as directed by the GEO JRS (see Reference z).

5.3.1.2.2.3 Deleting GEO Records and Auto Delete

GEO Online provides two methods for deleting GEO records. Records can be deleted, one at a time, from either the single record, Change GEO Record function (see Paragraph 5.3.1.2.3.6.3) or the multiple record, GEO Online Update function (see Paragraph 5.3.1.2.3.6.2). Records can also be deleted in bulk using the Auto Delete function (see Paragraph 5.3.1.2.3.6.3), which is accessed directly from the GEO Online main menu.

5.3.1.2.2.4 Find (Search)

GEO Online provides a Find feature (see Paragraph 5.3.1.2.3.7) on both the single record, Change GEO Record window and the multiple record, GEO Online Update window, which retrieves existing GEO records for update or deletion.

5.3.1.2.2.5 Editing

GEO Online provides data validation for both adding and updating of GEO records, as directed by the GEO JRS (see Reference z).